

CLAIMS

WE CLAIM:

1. A method for improving body weight uniformity in a target group of animals, the method comprising the step of administering to said target group of animals an agent that can reduce bioavailability of a prostaglandin or leukotriene lipid precursor in the animals in an amount sufficient to improve the body weight uniformity.
2. The method as claimed in claim 1, wherein the prostaglandin or leukotriene lipid precursor is arachidonic acid.
3. The method as claimed in claim 1, wherein the agent prevents release of the lipid precursor from a phospholipid.
4. The method as claimed in claim 1, wherein the agent comprises an anti-phospholipase A₂ (anti-PLA₂) antibody.
5. The method as claimed in claim 1, wherein the agent is administered by a method selected from the group consisting of injection and oral delivery.
6. The method as claimed in claim 5, wherein the agent is administered by an injection method selected from subcutaneous injection, intraperitoneal injection, intramuscular injection, and intravenous injection.
7. The method as claimed in claim 1, wherein the agent is mixed with a feed or food.
8. The method as claimed in claim 1, wherein the animals are selected from the group consisting of avians and mammals.
9. The method as claimed in claim 8, wherein the avians are selected from the group consisting of chickens, turkeys, ducks, pheasants, geese and quail.
10. The method as claimed in claim 8, wherein the mammals are selected from the group consisting of swine animals, bovine animals, ovine animals and caprine animals.

11. A method as claimed in claim 1, wherein the animals are fish.
12. A method as claimed in claim 4, wherein the step of administering the antibody comprises the step of feeding the animals an egg preparation that comprises an anti-PLA₂ antibody.
13. A method for increasing carcass yield in a target animal, the method comprising the step of administering to said target animal an agent that can reduce bioavailability of a prostaglandin or leukotriene lipid precursor in the target animal in an amount sufficient to increase the carcass yield.
14. The method as claimed in claim 13, wherein the prostaglandin or leukotriene lipid precursor is arachidonic acid.
15. The method as claimed in claim 13, wherein the agent prevents release of the lipid precursor from a phospholipid.
16. The method as claimed in claim 13, wherein the agent comprises an anti-phospholipase A₂ (anti-PLA₂) antibody.
17. The method as claimed in claim 13, wherein the agent is administered by a method selected from the group consisting of injection and oral delivery.
18. The method as claimed in claim 17, wherein the agent is administered by an injection method selected from subcutaneous injection, intraperitoneal injection, intramuscular injection, and intravenous injection.
19. The method as claimed in claim 13, wherein the agent is mixed with a feed or food.
20. The method as claimed in claim 13, wherein the animal is selected from the group consisting of an avian and a mammal.

21. The method as claimed in claim 20, wherein the avian is selected from the group consisting of a chicken, a turkey, a duck, a pheasant, a goose and a quail.

22. The method as claimed in claim 20, wherein the mammal is selected from the group consisting of a swine animal, a bovine animal, an ovine animal and a caprine animal.

23. A method as claimed in claim 13, wherein the animal is a fish.

24. A method as claimed in claim 16, wherein the step of administering the antibody comprises the step of feeding the animal an egg preparation that comprises an anti-PLA₂ antibody.